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PATENT

Case Docket No. NDTCO.010A
Date: July 8, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	:	Cammack et al.
Appl. No.	:	10/800,934
Filed	:	March 15, 2004
For	:	METHODS FOR EXTENDING AMORPHOUS PHOTOREFRACTIVE MATERIAL LIFETIMES
Examiner	:	Unknown
Group Art Unit	:	1756

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

July 8, 2004
(Date)

Joseph J. Mallon, Reg. No. 39,287

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

(X) An Information Disclosure Statement.

(X) A PTO Form 1449 listing twenty-seven (27) references, however, only twenty-one (21) references are enclosed.

(X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

(X) Return prepaid postcard.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JP/

INFORMATION DISCLOSURE STATEMENT

Applicant	:	Cammack et al.
App. No.	:	10/800,934
Filed	:	March 15, 2004
For	:	METHODS FOR EXTENDING AMORPHOUS PHOTOREFRACTIVE MATERIAL LIFETIMES
Examiner	:	Unknown
Group Art Unit	:	1756

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing twenty-seven (27) references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: July 8, 2004

By: Joseph J. Mallon

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JP/

FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NDTCO.010A	APPLICATION NO. 10/800,934
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT Cammack	
(USE SEVERAL SHEETS IF NECESSARY)	FILING DATE March 15, 2004	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	5,064,264	11/12/91	Ducharme et al.			
	2	5,724,460	03/03/98	Hayden et al.			
	3	6,090,332	07/18/00	Marder et al.			
	4	6,237,913	05/29/01	Kamille			
	5	6,610,809	08/26/03	Yamamoto et al.			
	6	6,653,421	11/25/03	Yamamoto et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	7	WO 00/49465	08/24/00					

EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	8	Aguilar, M. et al., Int. J. Optoelectronics 1994, 9(5), pp. 379-383.
	9	Ashkin, A. et al., Appl. Phys. Lett. 1966, 9, p. 72.
	10	Cox, A.M. et al., "Crystallization-resistant photorefractive polymer composite with high diffraction efficiency and reproducibility,: Appl. Phys. Lett., Vol (68)20, pp. 2801-2803 (1996).
	11	Feinberg, J. et al. Topics in Applied Physics, Vol. 62: Photorefractive Materials and Their Applications II, eds. P. Gunter and J.P. Huignard (Springer Verlag, Berlin, 1988), Chapter 5, pp. 151-198.
	12	Goonesekera, A. et al. Appl. Phys. Lett. 2000, 76, pp. 3358-3360.
	13	Grunnet-Jepson, A.. et al.,"High performance photorefractive polymer with improved stability," Appl. Phys. Lett., Vol. 70(12), pp. 1515-1517 (1997).
	14	Gunter, P. et al, Topics in Applied Physics, Vol. 62: Photorefractive Materials and Their Applications II, eds. P. Gunter and J.P. Huignard (Springer Verlag, Berlin, 1988), Chapter 1, pp. 1-5.
	15	Gunter, P. et al., Topics in Applied Physics, Vol. 62: Photorefractive Materials and Their Applications II, eds. P. Gunter and J.P. Huignard (Springer Verlag, Berlin, 1988), Chapter 6, pp. 205-274.
	16	Hendrickx, E. et al., Phase stability of guest/host photorefractive polymers studied by light scattering experiments," Appl. Phys. Lett., Vol. 71(9), pp. 1159-1161 (1997).
	17	Hendrickx, E. et al., "Synthesis and Characterization of Highly Efficient Photorefractive Polymer Composites with Long Phase Stability," Macromolecules, Vol. 31, pp. 734-739 (1998).
	18	Herlocker, J.A. et al., Appl. Phys. Lett. 1999, 74, pp. 2253-2255.
	19	Kippelen, B. et al., "Nonlinear Optics of Organic Molecules and Polymers," eds. N.S. Nalwa and S. Miyata (CRC Press, New York, 1997) Chapter 8, pp. 465-513.

EXAMINER	DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JP/

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NDTCO.010A	APPLICATION NO. 10/800,934
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EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	20	Kippelen, B. et al., Science, 1998, 279, pp. 54-57.
	21	Klein, M.B. et al., Optics Commun. 1999, 162, pp. 79-84.
	22	Meerholz, K. et al., Nature 1994, 371, p. 497.
	23	Meerholz, K. et al.,"Stability Improvement of High-Performance Photorefractive Polymers Containing Eutectic Mixtures of Electro-optic Chromophores," Adv. Mater., Vol 9(13), pp. 1043-1046 (1997).
	24	Odoulov, S.G. et al., Topics in Applied Physics, Vol. 62: Photorefractive Materials and Their Applications II, eds. P. Gunter and J.P. Huignard (Springer Verlag, Berlin, 1988), Chapter 2, pp. 5-41.
	25	Petrov, M.P. et al., Topics in Applied Physics, Vol. 62: Photorefractive Materials and Their Applications II, eds. P. Gunter and J.P. Huignard (Springer Verlag, Berlin, 1988), Chapter 8, pp. 325-353.
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	27	Yu, J.W. et al., Topics in Applied Physics, Vol. 62: Photorefractive Materials and Their Applications II, eds. P. Gunter and J.P. Huignard (Springer Verlag, Berlin, 1988), Chapter 7, pp. 275-324.

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EXAMINER	/Joshua Pritchett/	DATE CONSIDERED	03/19/2008

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